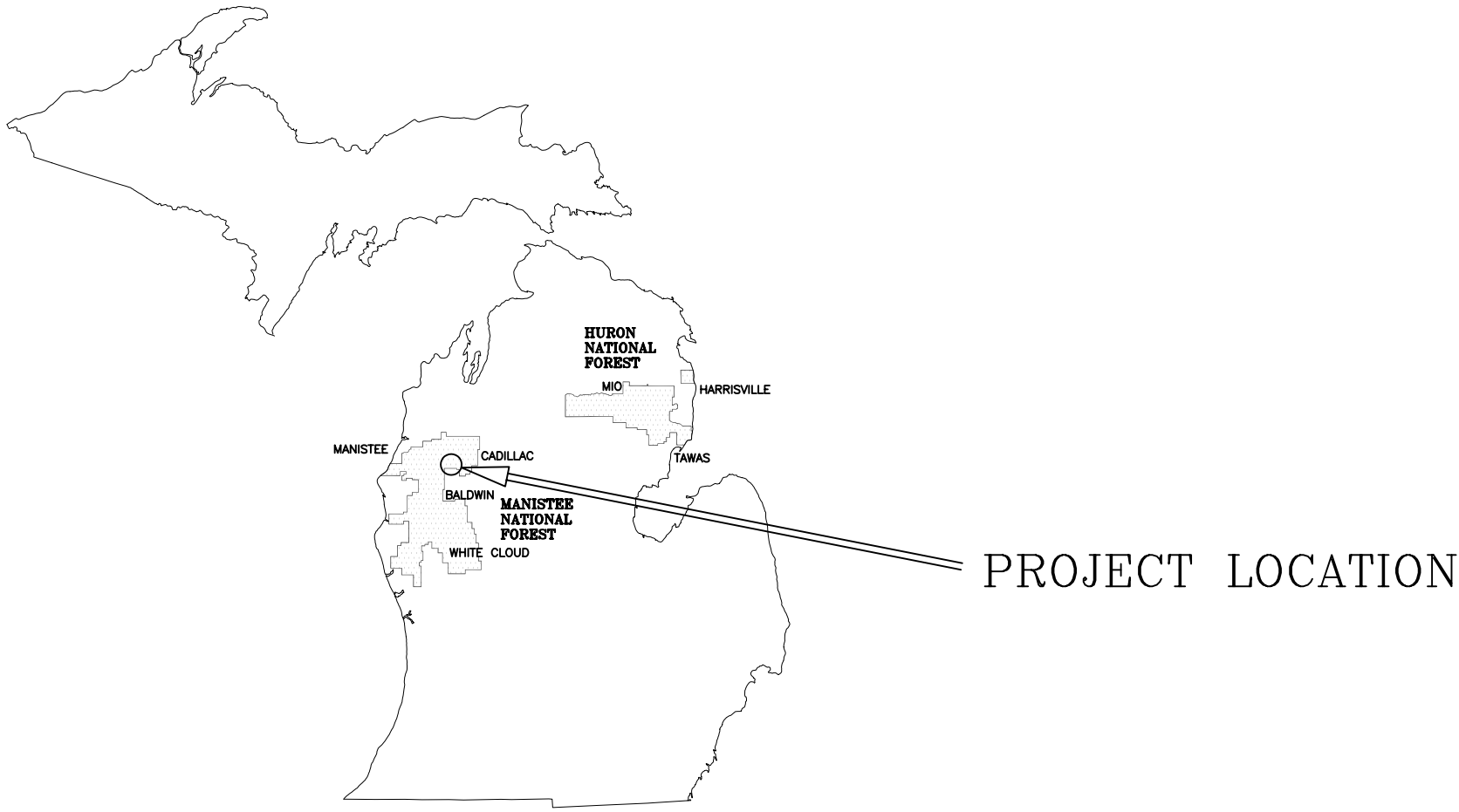


PETERSON BRIDGE NORTH FR 5186  
FR 5186 SECTION A  
CADILLAC RANGER DISTRICT  
MANISTEE NATIONAL FOREST  
WEXFORD COUNTY MICHIGAN

INDEX OF SHEETS	
SHEET	SHEET TITLE
1	COVER SHEET
2	TYPICALS
3	NOTES AND DETAILS
4	PLAN



DISTRICT OFFICE

_____	_____
DISTRICT RANGER	DATE

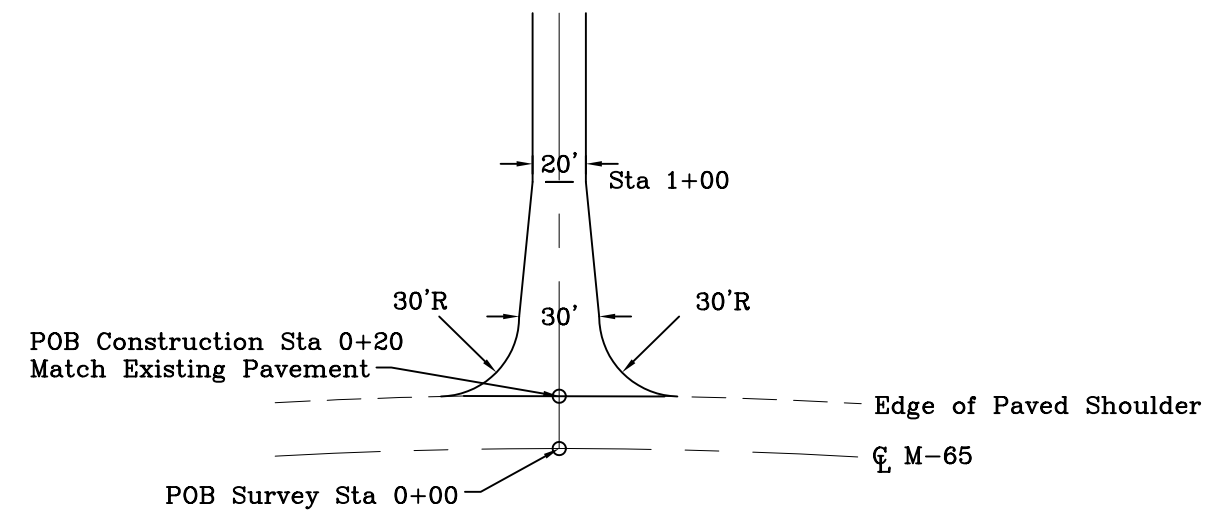
SUPERVISORS OFFICE

_____	_____
FOREST ENGINEER	DATE

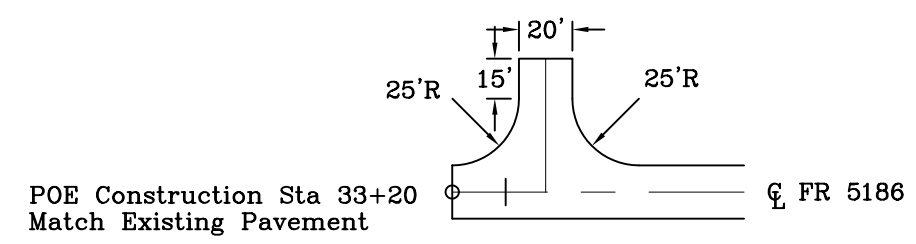
_____	_____
FOREST SUPERVISOR	DATE

HURON — MANISTEE NATIONAL FORESTS





HIGHWAY INTERSECTION DETAIL



PARKING INTERSECTION DETAIL

PAY ITEM NO.	ESTIMATE OF QUANTITY		QUANTITY
	DESCRIPTION	PAY UNIT	
202(05)	Removal of Existing CMP and Headwall	Each	1
203(09)	Excavation, Placement Method 3	Lump Sum	Lump Sum
304(11)	Crushed Aggregate Grading MI 22A Compaction B	Ton	1,320
316(01)	Bituminous Base Crushing & Shaping	Square Yard	6,625
403(01)	Hot Bituminous Pavement Grading MI 13A	Ton	1,140
601(01)	Mobilization	Lump Sum	Lump Sum
624(01)	Furnishing & Placing Topsoil	Cubic Yard	210
625(09)	Seeding, Hydraulic or Dry Method with Mulch	Acre	0.6
634(01)	Traffic Markings, Reflectorized	Lump Sum	Lump Sum

CONSTRUCTION NOTES

Section Numbers in the Notes Below Refer to the Applicable Portions of the USDA-Forest Service Specifications for Construction of Roads and Bridges, EM-7720-100 1985

Section 202 Removal of Structures & Obstructions  
CMP and Headwalls to be Removed from Government Land

Section 203 Excavation & Embankment  
Construction Tolerance Shall be Class C. Use Existing Grade for Basis.  
Place Any Excess Excavation on Fill Slope near Sta 2+50 Right .

Section 304 Aggregate Base  
Crushed Aggregate Shall be Compacted by Method B - Roller Compaction with Water

Section 624 Topsoiling  
624.02 Source - Furnished Topsoil Shall be from an Approved Commercial Source

Section 634 Painted Traffic Markings  
634.03 Markings Shall Not be Applied until Pavement is at Least 14 Days Old.  
Double Yellow Traffic Markings Shall be Applied from Sta 0+30 to Sta 32+50

POB Survey Sta 0+00  
CL M-65

See Intersection Detail  
Sheet 3

POB Construction Sta 0+20  
Edge of Paved Shoulder

30'R

30'R

5+00

10+00

15+00

20+00

25+00

30+00

POE Construction Sta 33+20  
Match Existing Pavement

Crush & Reshape Picnic Loop  
Pave Picnic Loop 20' Wide

25'R

30'R

PT=29+67

PI#2  
PC=27+00  
PI=28+43.1  
PT=29+67  
 $\Delta = 51^\circ$   
R=300'  
T=143.1  
L=267.0

Widen Pavement 2'  
At Intersection with  
Driveway

PC=27+00

PT 21+48.3

Widen Pavement 2'  
At Intersections with  
Dirt Roads

PI#1  
PC=15+20  
PI=20+39.6  
PT=21+48.3  
 $\Delta = 120^\circ$   
R=300'  
T=519.6  
L=628.3

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE - EASTERN REGION  
HURON-MANISTEE NATIONAL FOREST



DESIGNED Steve McDonald DATE 6/03  
DRAWN Steve McDonald 6/03  
CHECKED \_\_\_\_\_

RECOMMENDED:

APPROVED:

REVISIONS				
NO	REVISION	BY	APPROVED	DATE

AS BUILT
BY _____
CHECKED _____
DATE _____

PROJECT  
PETERSON BRIDGE NORTH  
FR 5186 SECTION A

SHEET TITLE
PLAN VIEW
SCALE 1"=200'

SHEET
4 OF 4
FILE NO. HMR 636-3